

Mathematics 414, Section 101

Mathematical Demonstrations

September – December, 2016

Calendar Description: Students will prepare material illustrating ideas and applications of mathematics and present it to audiences outside the University. Intended for third or fourth year Mathematics students and Math/Science Education students.

Instructor: Lauchie MacDonald, Office: Math Annex 1216,

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Text: None. Problem sets will be distributed in class.

Grading

- Final Exam 30%
- One midterm 15%
- Assignments, preparation of workshop problems for 2017-18 and in-class problem presentations 25%
- Class members are required to participate in school workshops in order to pass the course. The grade for those participating counts 30% of the course mark.
- Individual modifications may be made for any outstanding classroom contribution(s), outstanding contribution(s) to problem creation and analysis, or outstanding workshop performance(s)